



MINOS+ Status Report



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All Experimenters' Meetings
December 16, 2013



Near Detector



- MINOS+ DAQ is running very well.
- RPS fan Failure warning in rack M4
 - Was still on after replacing the fans pack
 - Fixed replacing the wall power supply for the tach fan circuit
- One hot channel (5-15-7-13)
 - Fixed replacing the correspondent Minder board



Near Detector



- Network problems with the RC machine in Control Room
 - Traced back to a defective network switch
 - Network Services replaced the switch last Thursday
 - All computers are back in the network
- New 27" Monitors in the control room
 - Two of each have been installed on minos-acnet, minos-om and minos-rc
 - Currently mounted to stands on tables
 - Eventually we would like them mounted in pairs on vertical stands to save space on tables
 - Preparation work to clean/reorganize space in Control Room to accommodate more experiments



Far Detector



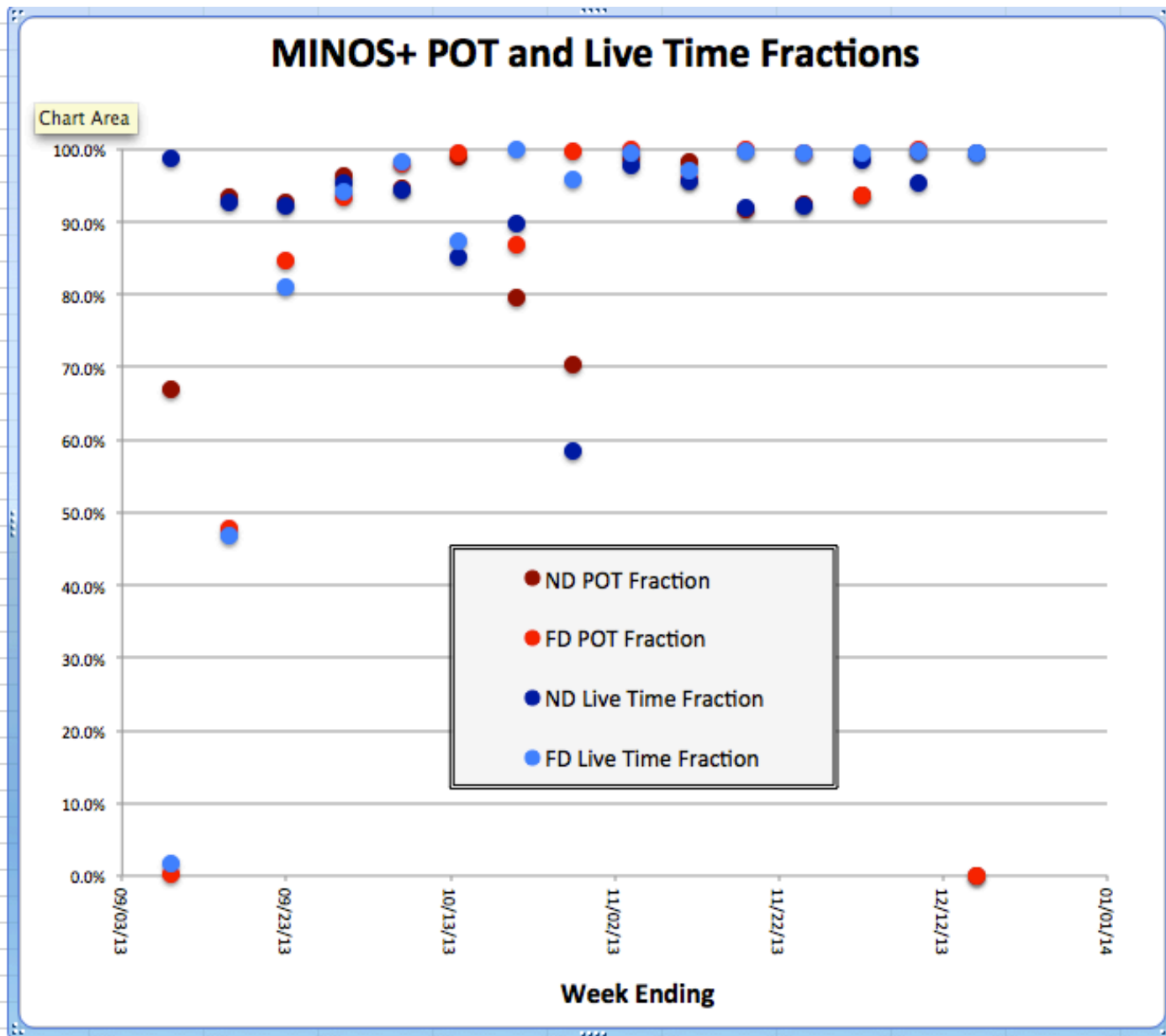
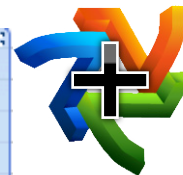
- FD DAQ is running very smoothly
- Soudan Pseudo-wire connection to Fermilab problems last week
 - Due to packets loss, the pseudo-wire was temporarily moved by ESNet to an alternate circuit
 - It was moved back to primary circuit on Tuesday, 12/10, with minimal downtime
 - Not clear if this is the final configuration or more work is needed



MINOS+ Status



Start Date/Time	End Date/Time	Near Detector		Far Detector	
		POT Fraction	Live Time Fraction	POT Fraction	Live Time Fraction
9/2/13 00:00:00	9/9/13 00:00:00	66.9%	98.8%	0.2%	1.6%
9/9/13 00:00:00	9/16/13 00:00:00	93.5%	92.7%	47.7%	46.8%
9/16/13 00:00:00	9/23/13 00:00:00	92.7%	92.3%	84.7%	81.0%
9/23/13 00:00:00	9/30/13 00:00:00	96.2%	95.3%	93.5%	94.1%
9/30/13 00:00:00	10/7/13 00:00:00	94.7%	94.4%	98.0%	98.3%
10/7/13 00:00:00	10/14/13 00:00:00	99.1%	85.0%	99.5%	87.4%
10/14/13 00:00:00	10/21/13 00:00:00	79.7%	89.7%	86.9%	99.9%
10/21/13 00:00:00	10/28/13 00:00:00	70.3%	58.5%	99.8%	95.8%
10/28/13 00:00:00	11/4/13 00:00:00	98.8%	97.8%	99.9%	99.5%
11/4/13 00:00:00	11/11/13 00:00:00	98.4%	95.5%	95.7%	96.9%
11/11/13 00:00:00	11/18/13 00:00:00	91.8%	92.7%	99.9%	99.8%
11/18/13 00:00:00	11/25/13 00:00:00	92.4%	92.2%	99.5%	99.6%
11/25/13 00:00:00	12/02/13 00:00:00	93.6%	98.6%	93.6%	99.5%
12/2/13 00:00:00	12/9/13 00:00:00	99.7%	95.3%	99.9%	99.6%
12/09/13 00:00:00	12/16/13 00:00:00	0.07%	99.5%	0.07%	99.4%





Minos+ Status



- Took a week of data in Horn OFF mode
 - Collected 7.005×10^{18} POT as planned
 - Many thanks to AD & Program Planning Office